

Amendments to the Claims:

1 - 10. (Cancelled).

11. (Currently Amended) In a telecommunications network, having a plurality of network elements of at least one EMS client, a method for producing a virtual network, the method comprising:

receiving an interface description language (IDL) supplied by the EMS client;

generating an EMS skeleton using said IDL and TMF standards specific information of the IDL, wherein said EMS skeleton is a framework of behavior of all the EMS;

extracting data from the EMS client when [[said]] the EMS client is available, said data include[[es]]ing interface specification of the client;

converting said data into XML templates;

generating a set of virtual network elements using said XML templates, wherein said virtual network elements simulate behavior of network elements of the EMS client; and

connecting [[the]] said virtual network elements with each other, thereby creating [[said]] the virtual network.

12. (Currently Amended) The method of claim 11 further comprising:

manually generating EMS data as XML templates using interface specification of the client when [[said]] the EMS client is not available.

13. (Currently Amended) The method of claim 11 further comprising:

creating a virtual subnetwork connection between [[the]] said network elements, wherein said subnetwork connection includes a group of network elements internally connected in an artificial manner.

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14. (Currently Amended) The method of claim 11, further comprising:
modifying [[the]] said XML templates based on variation in [[the]] said data supplied by
the EMS client.
15. (Currently Amended) The method of claim 11, wherein said step of connection includes
selecting physical terminal points of [[the]] said network elements and generating control
terminal points to create the connection between said network elements.
16. (Currently Amended) The method of claim 15, wherein said data is extracted from the
EMS client via a CORBA server.